

Pre-bid replies-2 for INVITATION OF EXPRESSION OF INTEREST FOR SELECTION OF Partner(s) for jointly addressing the Water and Wastewater projects in Municipal Segment
(EOI Reference Number: ID/WB/20/100 Dated 27.02.2020)

NO	SUBJECT	REQUIREMENT	TENDER SPECIFICATION	Query	BHEL Reply Dated 15.05.2020	
Category - A						
1	Water Treatment plant (Potable) based on clarifier and filtration or any combination of these system or based on proven membrane technology or combination of these system	EPC experience (Design, Engg, Procurement Construction & commissioning)	(i)	One number of Potable water treatment plant of minimum 50 MLD capacity completed within last 5 years	We request you to kindly accept one number of water treatment plant of minimum 50 MLD capacity completed within last 7 years	EOI terms remains unchanged.
2			(ii)	Number of Potable Water Treatment completed in last 5 years (plant of capacity more than or equal to 25 MLD will only be considered)	We request you to kindly accept one number of water treatment plant of minimum 25 MLD capacity completed within last 7 years	EOI terms remains unchanged.
3			(iii)	Total Numbers of Water Treatment Plants (Potable) which are not commissioned but under execution as on last date of EOI submission (Plants of capacity more than or equal to 25 MLD will to be considered)	We understand overseas experience will be considered for this clause . PI confirm	Projects executed by Bidders in India and overseas, both will be considered for qualification criteria
4		Specific O & M experience (Comprehensive Operation & Maintenance)	(iv)	O & M of one number of Water Treatment Plant (Potable)having minimum capacity of 50 MLD for continuous period of 1 year within last 5 years.	Request you to kindly accept O & M of one number of Water Treatment Plant minimum inlet capacity of 50 MLD for continuous period of 1 year within last 7 years.	EOI terms remains unchanged.
Category - B						
5			(i)	One number of Sewage Treatment Plants of minimum 30 MLD capacity with secondary treatment based on biological process of proven technology (Note-1) with treated sewage quality meeting the Guaranteed norms, Commissioned within last 5 Years	We request you to kindly consider the project completed with Design , Engg Erection and installation and supervision of civil work .	EOI terms remains unchanged.

6	Sewage Treatment Plant	EPC experience (Design, Engg, Procurement Construction & commissioning)	(ii)	Total Number of Sewage Treatment Plants with secondary treatment based on biological process of proven technology (Note-1) with treated sewage quality meeting the Guaranteed norms Commissioned within last 5 Years (Plants of capacity more than or equal to 15 MLD will only be considered)	-----same as above-----	EOI terms remains unchanged.
7			(iii)	Number of Sewage Treatment plants with secondary treatment or any other biological process of proven technology having effluent standards design to meet the applicable norms under execution as on date of EOI submission. (Plants of capacity more than or equal to 25 MLD will be considered)	-----same as above-----	EOI terms remains unchanged.
8			iv.	Number of sludge based power generation system in sewage Treatment plant (more than 100 KW) Commissioned within last 5 Years / under execution as on EOI closing date.	Request you to kindly accept sludge handling system in sewage treatment plant / effluent treatment plant in last 7 year	EOI terms remains unchanged.
Category - C						
9	Water Distribution Network with associated Structure i.e., Ground Service Reservoirs, Elevated Service Reservoirs, Pumping systems, Water metering etc.in any Combination	EPC experience (Design, Engg, Procurement, Construction & commissioning)	i.	One number of Water Distribution Network project of minimum value of 50 Crs completed within last 5 years.	Request you to kindly accept one number of Water project of minimum value of 50 Crs completed within last 7 years which includes Ground Service Reservoirs, Elevated Service Reservoirs, Pumping systems, & WTP.	EOI terms remains unchanged.
10			ii.	Number of Water Distribution Network projects completed within last 5 years. (Project of value more than or equal to 25 Crs will only be considered)	Request you to kindly accept one number of Water project of minimum value of 50 Crs completed within last 7 years which includes Ground Service Reservoirs, Elevated Service Reservoirs, Pumping systems, & WTP.	EOI terms remains unchanged.
11			iii.	Number of Water Distribution Network projects under execution as on last date of submission of EOI. (Project of value more than or equal to 25 Crs will only be considered)	Request you to kindly accept one number of Water project of minimum value of 50 Crs completed within last 7 years which includes Ground Service Reservoirs, Elevated Service Reservoirs, Pumping systems, & WTP.	EOI terms remains unchanged.
					Number of water intake system completed within last 5 years.	Request you to kindly accept Intake work project

12			iv.	(Plants of capacity more than or equal to 25 MLD will only be considered)	executed by JV partner where bidder is prime contractor and completed within last 7 years . Being prime partner intake works credential to be allowed to use for prime contractor for this condition	
Category -D						
13	Sewage Collection Network	Specific EPC experience (Design, Engineering, Procurement, Construction and commissioning)	i	One number of Sewage Collection Network project of minimum value of 50 Crs. commissioned within last 5 years	We request you to kindly consider One number of Sewage / water pipe line work of minimum value of 50 Crs. commissioned within last 7 years	EOI terms remains unchanged.
14			ii	Numbers of Sewage Collection Network project commissioned within last 5 years (Projects of value more than or equal to 25 Crs. will only be considered)	We request you to kindly consider One number of Sewage / water pipe line work of minimum value of 25 Crs. commissioned within last 7 years	EOI terms remains unchanged.
15			iii	Number of Sewage Collection Network project under execution as on last date of submission of EOI	We request you to kindly consider One number of Sewage / water pipe line work of minimum value of 25 Crs. commissioned within last 7 years	EOI terms remains unchanged.
Category -E						
16	Tertiary Treatment Plant consisting of UF / UF and RO	Specific EPC experience (Design, Engg, Procurement, Construction & commissioning)	I.	One number of Tertiary Treatment Plant on Municipal sewage waste water commissioned within last 5 Year having minimum capacity of 30 MLD plant	We request you to kindly allow membrane based technology project from sewage / water / desalination project	EOI terms remains unchanged.
17			II.	Numbers of Tertiary treatment with UF & RO based technology on Municipal sewage waste water / industrial waste water completed within last 5 years.	We request you to kindly allow design , engg , procurement , supply and commissioning of 15 MLD (inlet Capacity) tertiary Treatment plant from effluent / sewage treatment plant in last 7 years	EOI terms remains unchanged.
				(Plants of capacity more than or equal to 15 MLD will only be considered)		
18	III.	Numbers of Tertiary treatment with UF & RO based technology on Municipal sewage waste water / industrial waste water under execution as on last of submission of EOI.	Same as above	EOI terms remains unchanged.		
		(Plants of capacity more than or equal to 15 MLD will only be considered)				

19		Specific O & M experience (Comprehensive Operation & Maintenance)	IV.	O & M of Tertiary Treatment plant with UF & RO based technology on Municipal Sewage waste water / industrial waste water completed having minimum capacity of 30 MLD for continuous period of 1 Years within last 5 years.	We request you to kindly allow O &M experience 15 MLD (inlet Capacity) of tertiary Treatment plant in last 7 years	EOI terms remains unchanged.
Category -F						
20	Desalination	Specific EPC experience (Design, Engineering, Procurement, Construction & Commissioning)	i.	One number of Sea Water desalination plant based on Reverse Osmosis technology completed within last 5 years having minimum capacity of 50 MLD	We request you to kindly accept one number of Sea Water desalination plant based on Reverse Osmosis technology completed having minimum capacity of 50 MLD (raw water inlet capacity) or two number of sea water desalination plants each capacity is 19 MLD within last 10 years	EOI terms remains unchanged.
21			ii.	Numbers of Sea water desalination plants on Reverse Osmosis technology including sea water intake and brine outfall system commissioned within last 5 Years (Plants of capacity more than or equal to 25 MLD will only be considered)	-----same as above-----	EOI terms remains unchanged.
22			iii.	Number of Sea water desalination plants on Reverse Osmosis technology including sea water intake and brine outfall system under execution as on date of EOI submission (Plants of capacity more than or equal to 25 MLD will only be considered)	Request you to kindly allow to form JV with Intake and brine outfall partner at the time of project bidding stage	EOI terms remains unchanged.
23			vi.	Specific O & M experience (Comprehensive Operation & Maintenance)	O&M of One number of Sea water desalination plants on Reverse Osmosis technology commissioned with minimum capacity of 50 MLD for continuous period of 1 Years within last 5 years.	Request you to kindly accept O&M of One number of Sea Water desalination plants on Reverse Osmosis technology completed with minimum capacity of 50 MLD on inlet /raw water capacity for continuous period of 1 years within last 7 years.
Other						
24	General	General		Statutory Auditor certificate	We request you to kindly accept CA certificate instead of Statutory certificate . Statutory certificate will be submitted at the time of Bidding stage as per tender requirement	CA certificate is Acceptable

25	General	General		Power of attorney	request you to allow to submit the POA after Covi19 lock down is over in Mumbai	Noted, however undertaking in this regard is to be submitted alongwith EOI response . However Power of Attorney document to be submitted before signing of Joint Association Agreement
26	5.1.1.1 Notes: 3. Page 18 Of 38.	5-year time period for reference projects for eligibility shall be considered from the last date of submission of EOI.		5-year time period for reference projects for eligibility shall be considered from the last date of submission of EOI.	The 5-year time period for reference projects for Eligibility shall be considered from the original date of submission of EOI date I,e 27-03-2020. We believe, the current submission date was extended to 18.05.2020 due to Covid Lockdown. If the submission date is extended further, our qualification criteria relating to 5 years time period will get adversely affected.	5-year time period for reference projects for eligibility shall be considered from the last date of submission of EOI as extended by BHEL time to time

Category A

27	Water Treatment Plant (Potable) based on Clarification / Filtration/ Membrane technology or combination these systems	EPC experience (Design, Engineering, Procurement, Construction and commissioning)	a	One number of Water Treatment Plant (Potable) of minimum 50 MLD capacity commissioned within last 5 Years	One number of Water Treatment Plant (Potable) of minimum 25 MLD capacity commissioned within last 5 Years	EOI terms remains unchanged.
28			b	Total Numbers of Water Treatment Plants (Potable) commissioned in last 5 Years (Plants of capacity more than or equal to 25 MLD to be considered)	Total Numbers of Water Treatment Plants (Potable) commissioned in last 5 Years (Plants of capacity more than or equal to 10 MLD to be considered)	EOI terms remains unchanged.
29			c	Total Numbers of Water Treatment Plants (Potable) which are not commissioned but under execution as on last date of EOI submission (Plants of capacity more than or equal to 25 MLD will to be considered)	Total Numbers of Water Treatment Plants (Potable) which are not commissioned but under execution as on last date of EOI submission (Plants of capacity more than or equal to 10 MLD will to be considered)	EOI terms remains unchanged.
30				O&M of at-least one number of Water Treatment Plants (Potable) having minimum capacity of 50 MLD for continuous period of 1 Year within last 5 years.	provides technical support in various forms to the project that includes online monitoring, online and real time consulting with the local operators, sending/providing onsite technicians to the sites or any other form as applicable as required by the end customer/local operators for any of the referenced plant above for 1 year within last 5 years.	EOI terms remains unchanged.

Category B

31	Sewage Treatment Plant	EPC experience (Design, Engineering, Procurement, Construction and commissioning)	a	One number of Sewage Treatment Plants of minimum 30 MLD capacity with secondary treatment based on biological process of proven technology with treated sewage quality meeting the Guaranteed norms, Commissioned within last 5 Years	One number of Sewage Treatment Plants of minimum 25 MLD capacity with secondary treatment based on biological process of proven technology with treated sewage quality meeting the Guaranteed norms, Commissioned within last 5 Years	EOI terms remains unchanged.
32			b	Total Number of Sewage Treatment Plants with secondary treatment based on biological process of proven technology with treated sewage quality meeting the Guaranteed norms Commissioned within last 5 Years (Plants of capacity more than or equal to 15 MLD will only be considered)	Total Number of Sewage Treatment Plants with secondary treatment based on biological process of proven technology with treated sewage quality meeting the Guaranteed norms Commissioned within last 5 Years (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.
33			c	Total Number of Sewage Treatment Plants with secondary treatment based on biological process of proven technology with treated sewage quality meeting the Guaranteed norms under execution as on last date of EOI submission (Plants of capacity more than or equal to 15 MLD will only be considered)	Total Number of Sewage Treatment Plants with secondary treatment based on biological process of proven technology with treated sewage quality meeting the Guaranteed norms under execution as on last date of EOI submission (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.
34			d	Number of sludge-based power generation system in sewage Treatment plant (more than 100 KW) Commissioned within last 5 Years / under execution as on EOI closing date.	Number of sludge-based power generation system in sewage Treatment plant (more than 25 KW) Commissioned within last 5 Years / under execution as on EOI closing date.	EOI terms remains unchanged.
35		O&M experience (Comprehensive O&M)	O&M of one number of Sewage Treatment Plant with secondary treatment based on biological process of proven technology with effluent Treated sewage quality meeting the guaranteed norms completed with minimum capacity of 30 MLD for continuous period of 1 Year within last 5 years.	provides technical support in various forms to the project that includes online monitoring, online and real time consulting with the local operators, sending/providing onsite technicians to the sites or any other form as applicable as required by the end customer/local operators for any of the referenced plant above for 1 year within last 5 years.	EOI terms remains unchanged.	

Category C						
36	Water Distribution Network with associated systems / Structures i.e. Ground Service Reservoirs, Elevated Service Reservoirs, Pumping systems, Water Metering etc. in any Combination	Specific EPC experience (Design, Engineering, Procurement, Construction and commissioning)		One number of Water Distribution Network project of minimum value of 50 Crs. commissioned within last 5 years	One number of Water Distribution Network project of minimum value of 25 Crs. commissioned within last 5 years	EOI terms remains unchanged.
37				Numbers of Water Distribution Network projects commissioned within last 5 years (Projects of value more than or equal to 25 Crs. will only be considered)	Numbers of Water Distribution Network projects commissioned within last 5 years (Projects of value more than or equal to 10 Crs. will only be considered)	EOI terms remains unchanged.
38				Numbers of Water Distribution Network projects under execution as on last date of submission of EOI (Projects of value more than or equal to 25 Crs. will only be considered)	Numbers of Water Distribution Network projects under execution as on last date of submission of EOI (Projects of value more than or equal to 10 Crs. will only be considered)	EOI terms remains unchanged.
39				Number of water Intake systems commissioned within last 5 years (Plants of capacity more than or equal to 25 MLD will only be considered)	Number of water Intake systems commissioned within last 5 years (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.
40				Number of water Intake systems under execution as on last date of submission of EOI (Plants of capacity more than or equal to 25 MLD will only be considered)	Number of water Intake systems under execution as on last date of submission of EOI (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.
Category D						
41	Sewage Collection Network	Specific EPC experience (Design, Engineering, Procurement, Construction and commissioning)		One number of Sewage Collection Network project of minimum value of 50 Crs. commissioned within last 5 years	One number of Sewage Collection Network project of minimum value of 25 Crs. commissioned within last 5 years	EOI terms remains unchanged.
42				Numbers of Sewage Collection Network project commissioned within last 5 years (Projects of value more than or equal to 25 Crs. will only be considered)	Numbers of Sewage Collection Network project commissioned within last 5 years (Projects of value more than or equal to 10 Crs. will only be considered)	EOI terms remains unchanged.
43				Number of Sewage Collection Network project under execution as on last date of submission of EOI (Projects of value more than or equal to 25 Crs. will only be considered)	Number of Sewage Collection Network project under execution as on last date of submission of EOI (Projects of value more than or equal to 10 Crs. will only be considered)	EOI terms remains unchanged.
Category E						

44	Tertiary Treatment Plant consisting of UF / UF and RO	Specific EPC experience (Design, Engineering, Procurement, Construction and commissioning)		One number of Tertiary Treatment Plant on Municipal sewage waste water commissioned within last 5 Year having minimum capacity of 30 MLD plant.	One number of Tertiary Treatment Plant on Municipal sewage waste water commissioned within last 5 Year having minimum capacity of 25 MLD plant.	EOI terms remains unchanged.
45				Numbers of Tertiary Treatment Plants on Municipal sewage waste water commissioned within last 5 Years (Plants of capacity more than or equal to 15 MLD will only be considered)	Numbers of Tertiary Treatment Plants on Municipal sewage waste water commissioned within last 5 Years (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.
46				Numbers of Tertiary Treatment Plants on Municipal sewage waste water under execution as on last date of submission of EOI (Plants of capacity more than or equal to 15 MLD will only be considered)	Numbers of Tertiary Treatment Plants on Municipal sewage waste water under execution as on last date of submission of EOI (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.
47		Specific O&M experience (Comprehensive O&M)	O & M of Tertiary Treatment Plant with UF and RO based technology on Municipal sewage waste water commissioned having minimum capacity of 30 MLD for continuous period of 1 Years within last 5 years.	provides technical support in various forms to the project that includes online monitoring, online and real time consulting with the local operators, sending/providing onsite technicians to the sites or any other form as applicable as required by the end customer/local operators for any of the referenced plant above for 1 year within last 5 years.	EOI terms remains unchanged.	
Category F						
48		Specific EPC experience (Design, Engineering, Procurement, Construction and commissioning)		One number of Sea water desalination plant based on Reverse Osmosis technology including sea water intake and brine outfall system commissioned within last 5 Years having minimum capacity of 50 MLD	One number of Sea water desalination plant based on Reverse Osmosis technology including sea water intake and brine outfall system commissioned within last 5 Years having minimum capacity of 15 MLD	EOI terms remains unchanged.
49				Numbers of Sea water desalination plants on Reverse Osmosis technology including sea water intake and brine outfall system commissioned within last 5 Years (Plants of capacity more than or equal to 25 MLD will only be considered)	Numbers of Sea water desalination plants on Reverse Osmosis technology including sea water intake and brine outfall system commissioned within last 5 Years (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.

50	Desalination			Number of Sea water desalination plants on Reverse Osmosis technology including sea water intake and brine outfall system under execution as on date of EOI submission (Plants of capacity more than or equal to 25 MLD will only be considered)	Number of Sea water desalination plants on Reverse Osmosis technology including sea water intake and brine outfall system under execution as on date of EOI submission (Plants of capacity more than or equal to 10 MLD will only be considered)	EOI terms remains unchanged.
51		Specific O&M experience (Comprehensive O&M)		O&M of One number of Sea water desalination plants on Reverse Osmosis technology commissioned with minimum capacity of 50 MLD for continuous period of 1 Years within last 5 years.	provides technical support in various forms to the project that includes online monitoring, online and real time consulting with the local operators, sending/providing onsite technicians to the sites or any other form as applicable as required by the end customer/local operators for any of the referenced plant above for 1 year within last 5 years.	EOI terms remains unchanged.
Category G						
52	New/innovative technologies for Potable Water Treatment, Sewage Treatment, Tertiary Treatment and Desalination			If any new / Innovative proven technology (under discretion of PSU) is proposed by any prospective partner which materially improve the overall efficiency of the plant in terms of Recovery, Auxiliary Power Consumption, Foot prints, Output Guarantee etc., such technology of the prospective partner will be empaneled in PSU. Relationship with such prospective partner will be non-exclusive and provision of the clause 4.2.1 will not be applicable. Such technology will be selected for any business opportunities based on the merit / suitability of the technologies for the business opportunity.		Query not clear
53	5.2.1 page no 18	-----	---	Average Annual Turnover: The Minimum average annual Turnover for the last 5 (Five) years, shall not be less than INR 50 Crore	We request you to relax/remove this criteria for bidders bidding under category G - New/innovative technology as the same cannot be justified as the technology is new	Please Refer Amendment 2 In this regard

54	5.2.2 page no 18	-----	---	Net worth: The Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 50% of its paid-up share capital.	We request you to relax/remove this criteria for bidders bidding under category G - New/innovative technology as the same cannot be justified as the technology is new	Please Refer Amendment 2 In this regard
----	------------------	-------	-----	---	--	---